

WHAT IS CLAIMED IS:

1. A heat transport device comprising:  
an evaporator for vaporizing fluid in a liquid phase;  
a condenser having a plurality of wicks for generating capillary force for refluxing fluid;

a liquid phase channel for circulating fluid in a liquid phase, the liquid phase channel connecting with both the evaporator and the condenser;

a vapor phase channel for circulating fluid in a vapor phase, the vapor phase channel connecting with both the evaporator and the condenser; and

wherein the wicks formed on the condenser are arranged symmetrically around the axis orthogonal to the direction of gravity.

2. A heat transport device according to claim 1,  
wherein the fluid reaching the condenser via the vapor phase channel passes through and evaporates at a plurality of grooves formed on the wicks, and

wherein the fluid passes through the grooves is collected in one place and then supplied to the evaporator.

3. A heat transport device according to claim 1,  
wherein the plurality of grooves composing the wicks is

arranged in a radial pattern centered at a joint of the liquid phase channel.

4. A heat transport device according to claim 2, wherein the plurality of grooves composing the wicks is arranged in a radial pattern centered at a joint of the liquid phase channel.

5. A heat transport device according to claim 1, wherein a plurality of wicks symmetrically arranged on a horizontal surface parallel to the axis.

6. A heat transport device according to claim 2, wherein a plurality of wicks symmetrically arranged on a horizontal surface parallel to the axis.

7. A heat transport device according to claim 1, wherein the evaporator is in thermal contact with an imaging element, and wherein the condenser is disposed on a case of an imaging apparatus.

8. A heat transport device according to claim 1, wherein the liquid phase channel and the vapor phase channel are composed of flexible material.

9. An electronic apparatus comprising:  
an evaporator for evaporating fluid in a liquid phase;  
a condenser having wicks for generating capillary force  
for refluxing the fluid;  
a heat transport mechanism having a liquid phase  
channel circulating fluid in a liquid phase and a vapor  
phase channel for circulating fluid in a vapor phase, for  
radiating heat of or cooling a data processing element;  
wherein the wicks of the condenser is symmetrically  
arranged around an axis orthogonal to the direction of  
gravity; and  
wherein the evaporator is in thermal contact with the  
data processing element.